Kindly amend the claims as follows:

    1.   (Currently amended) A system for processing program information comprising:

program information storage means for storing program information;

program table display means comprising a display having at least two dimensions defined by designation of at least two-axes attributes, wherein the attributes are selected from among all program information attributes, and at least two such attributes are used for two axes of a program table;

attribute input means adapted to input attributes of two axes used for two dimensionally displaying the program table;

program table making means ~~for retrieving~~ adapted to retrieve program information from program information stored in the program information storage means on the basis of said input attributes to make a program table, said program table means ~~displaying~~ being adapted to display the program table created by the program table making means;

when there are plural programs in the same time zone, means for using said plural programs to check the programs of the same time zone without expanding the display area including means for displaying them overlaid one upon the other while shifting the programs rearward one at a time; and

means for displaying the programs.

    2.   Cancelled

    3.   (Currently amended) A system for processing program information as claimed in Claim 1, wherein the program table making means is adapted to use program information stored in the program information storage means and is adapted to classify said program information.

    4.   (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising means for selecting or adding another attribute to the two-axes attributes of the program table to change over the display.

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5.   (Currently amended) A system for processing program information as claimed in Claim 1, ~~wherein~~ further comprising means ~~are provided~~ to display the program table while culling a portion the data that does not need to be displayed.

6.   (Currently amended) A system for processing program information as claimed in Claim 5, further comprising means adapted to restore the original program table when displaying the program table.

7.   (Currently amended) A system for processing program information as claimed in Claim 1, further comprising means to select an attribute relative to the program to that are adapted to change ~~over~~ the display.

8.   (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising means for adding and/or deleting a new attribute from the program table in accordance with a selection of the attribute by a user or an input from another system.

9.   (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising means to designate information registered by a user as an attribute of the program table.

10.   Cancelled.

11.   (Currently amended) A system for processing program information ~~further~~ comprising:

program information storage means ~~for storing~~ adapted to store program information;

program table display means comprising a display having at least two dimensions defined by designation of at least two-axes attributes, wherein the attributes are selected from among all program information attributes, and at least two such attributes are used for two axes of a program table, wherein said two axes are perpendicular to each other thereby defining contents of said program table in a rectangular area, wherein the entire area of said rectangular area is

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adapted to be assigned to items defined by said two-axes attributes so that any one of various combinations of two attributes is selectable;

attribute input means adapted to input attributes of two axes used for the two dimensionally displaying the program table so that any two attributes being selectable by a user from among all program information attributes thereby ~~allotting~~ allot the selected two attributes to each to each of the two-axes attributes such that various combinations of the two-axes attributes provide various different two-dimensional program tables;

program table making means for retrieving program information from program information stored in the program information storage means on the basis of said attributes to make the program table, said program information display means displaying the program table created by the program table making means; and

means to select three-axes attributes of the program table by a user to display information as a three dimensional shape.

12.   (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising means to extract attribute information from program information.

13.   (Previously presented)   A system for processing program information as claimed in Claim 1, comprising means to display and/or play back pictures or sounds of a program.

14.   (Currently amended) A system for processing program information as claimed in Claim 1, wherein, when a channel or a program is selected as an attribute of the program table, means to change the channel to the picture of the selected program and means for displaying information relative to the selected program if the program is being received, and if the selected program is not being received, means for displaying only information relative to the program.

15.   (Previously presented)   A system for processing program information as claimed in Claim 1 further comprising, if a channel is selected as an attribute of the program

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table, means for displaying advertisements and program relation information in accordance with the time schedule of programs being broadcast over the channel.

16.   (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising means for transmitting and/or receiving program information, program relation information, program renewal information, and information registered by a user, a program, a picture, or a sound.

17.   (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising means for transmitting and/or receiving an image sequence made by a user and means for displaying said image sequence in a portion of the program table.

18.   (Previously presented).   A system for processing program information as claimed in Claim 1, further comprising means for transmitting program information selected by a user, means for calculating the number of people viewing the same program, and means for displaying the result in a portion of the program table as an audience rating or the number of people in the audience.

19.   Cancelled

20.   (Previously presented)   A system for processing program information as claimed in Claim 1 further comprising:

said program information including an index for retrieving a program;

means for transmitting and/or receiving said program information; and

means for maintaining a user attribute that is adapted to retrieve program information, including said index for retrieving a program on the basis of the user attribute, at the receiver side.

21.   (Previously presented)   A system for processing program information as claimed in Claim 1 further comprising:

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said program information including an index for retrieving a program;

means for transmitting and/or receiving said program information;

means for determining whether said program information, including an index for retrieving a program, was not received at the receiver side; and

when the program information was not received at the receiver side, means, at the transmitter side, for retrieving said program information.

22. (Previously presented)   A system for processing program information as claimed in Claim 20, wherein, when a retrieval based on a user attribute was unsuccessful with program information, including an index for retrieving a program, at the receiver side, the system further comprising:

means for retrieving and automatically classifying said program information according to the user attribute at the transmitter side; and

means to transmit the result to the receiver side.

23. (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising means for recording, reserving for recording and playing back a designated program in accordance with a designation by a user or an input from another system.

24. (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising means for displaying programs that have been recorded or reserved for recording along a time line of the program table.

25. (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising a recorder for recording information of the program viewed by a user, means for examining a relationship with recorded program information in all programs, and means for displaying the program when it is judged that there is a strong relationship.

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26.   (Previously presented)   A system for processing program information as claimed in Claim 1, further comprising means for determining whether a performance of the program appears on a certain day or not.

27.   (Currently amended) A system for processing program information comprising
program information storage means for storing program information;
program table display means comprising a display having at least two dimensions defined by ~~designation of~~ at least two <u>designated</u> axes attributes, wherein the attributes are selected from among all program information attributes, and at least two such attributes are used <u>to define</u> ~~for~~ two axes of the program table;
attribute input means adapted to input attributes of two axes used for two dimensionally displaying the program table;
program table making means for retrieving program information from program information stored in the program information storage means on the basis of said input attributes to make the program table, said program information display means displaying the program table created by the program table making means;
means for calculating a fitting degree between program information and each piece of program classification information,
program classification means comprising means to calculate a fitting degree between one given piece of program classification information and a program information set to obtain a subset of the program information set having a fitting degree not less than a given threshold value,
means for taking a portion of the program classification <u>that has been</u> predetermined or designated by a user as at least one attribute of the program table, and
means to display said at least one attribute by the program table display means.

28.   (Previously presented)   A system for processing program information comprising:
program information storage means for storing program information;
program table display means comprising a display having at least two dimensions defined by designation of at least two axes attributes, wherein the attributes are selected from among all

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program information attributes, and at least two such attributes are used for two axes of a program table;

attribute input means adapted to input attributes of two axes used for two-dimensionally displaying the program table;

program table making means for retrieving program information from program information stored in the program information storage means on the basis of said input attributes to make the program table, said program information display means displaying the program table created by the program table making means;

a fitting degree calculation means for calculating a fitting degree between program information and each piece of program classification information,

program classification means, comprising means to calculate, as to one given piece of program classification information and a program information set, a fitting degree of each piece of program information in the program information set to program classification information, to obtain a subset of the program information set having a fitting degree not less than a given threshold value, and

means for the program table display means to display only a program classified as a program classification that has been predetermined or designated by a user so that it can be distinguished from another program in the program table without depending on the form of the program table.

29.   (Currently amended) A system for processing program information comprising:

program information storage means for storing program information;

program table display means comprising a display having at least two dimensions defined by designation of at least two-axes attributes, wherein the attributes are selected from among all program information attributes, and at least two such attributes are used for two axes of a program table;

attribute input means adapted to input attributes of two axes used for two-dimensionally displaying the program table;

program table making means for retrieving program information from program information stored in the program information storage means on the basis of said input attributes

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to make the program table, said program information displaying means ~~being adapted to display~~ ~~displaying~~ the program table created by the program table making means;

program information designating means for designating a subset of ~~a~~ <u>the</u> program ~~informations~~ <u>information</u> stored in the program information storage means,

key word extraction means for extracting a characteristic word set differentiating the subset of program information designated by the program information designation means,

program information extraction means for extracting characteristic word information from the designated subset by using the key word extraction means, and

means for extracting program classification information for discriminating and classifying program information in the subset.

30.   (Previously presented)   A system for processing program information as claimed in Claim 11 further comprising:

means for transmitting program classification information from a user side terminal to a server side terminal,

means for classifying program information as a function of the program information classification means at the server side, and

means for transmitting only program information classified into program classification information that has been transmitted from the user side terminal to the server side terminal.

31.   (Currently amended) A system for processing program information as claimed in claim 11 further comprising:

said program information including an index ~~for retrieving~~ <u>of retrievable</u> programs<u>;</u>

means for transmitting and/or receiving said program information; ~~and~~

means for maintaining a user attribute<u>, including user's taste as one attribute</u>, that is adapted to retrieve program information, including said index ~~for~~ <u>that is adapted to enable</u> retrieving a program on the basis of the user attribute, at the receiver side.

32.   (Previously presented)   A system for processing program information as claimed in claim 11 further comprising:

said program information including an index for retrieving a program;

means for transmitting and/or receiving said program information;

means for determining whether said program information, including an index, for retrieving a program, was not received at the receiver side; and

when said program, information was not received at the received side, means, at the transmitter side, for retrieving said program information;

means, at the transmitter side, for automatically classifying said program information, and means for transmitting the result to the receiver side.

33.   (Previously presented)   A system for processing information as claimed in claim 31, wherein, when a retrieval based on a user attribute was unsuccessful, with program information including an index for retrieving a program, at the receiver side, the system further comprising:

means for retrieving and automatically classifying said program information according to the user attribute at the transmitter side; and

means to transmit the result to the receiver side.

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